

Abstract of the disclosure:

Weed control compound-resistant plants are produced by introducing a gene encoding a protein having the following characteristics (a) to (c):

(a) having a specific affinity for a substance which is concerned with the weed control activity of a weed control compound,

(b) having substantially no capability of modifying a substance for which said protein has a specific affinity, and

(c) being substantially free from framework regions of variable regions in an immunoglobulin, into a plant cell, and expressing the gene.